

WELL SCHEDULE

Elog # 310

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTO Source of data Bowc Date 2/69 Map Raymond

State 28 County (or town) Hinds 25

Latitude: 32° 20' 00" N Longitude: 09° 02' 32" W Sequential number: 1

Lat-long accuracy: 3 sec 6 sec 2 sec 27 sec 30 sec 30 sec

Local well number: F022AIC2706NO2W Other number: B & M

Local use: 064310 Owner of name: St Thomas Water

Owner or name: ST THOMAS WATER Address: Osar

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: Air cond, Bottling, Comm, Devater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data Freq. W/L meas. Field aquifer char.

Hyd. lab. data:

Qual. water data, type:

Freq. sampling: Pumpage inventory: yes no period:

Aperture cards: CCKF yes no

Log data: Elog 6'-998 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 998 ft Meas. rept 992 accuracy 3

Depth cased: (first perf.) 942 ft Casing type: Steel ; Diam. 8x4 in 8

Finish: porous concrete, gravel w. (perf.), (screen), gallery, end, gravel w. horiz. open perf., screen, sd. pt., shored, open bble, other G

Method Drilled: air bored, cable, dug, hyd jetted, air rot, percussion, rotary, reverse trenching, driven, drive wash, other A

Date Drilled: 1/29/69 9:69 Pump intake setting: 1 ft 38

Driller: Jayne Central address _____

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other Deep Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. Trans. or meter no. 41

Descrip. MP 297 ft above LSD, Alt. MP _____

Alt. LSD: 2975 Accuracy: legs 3

Water Level: above MP; Ft. below LSD 175 Accuracy: _____ D

Date meas: 1/69 Yield: 60 gpm 112 Method determined _____

Drawdown: ft 3.2 Accuracy: _____ Pumping period 24 hrs 2.4

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct _____ K x 10 _____ Temp. _____ Date sampled _____

Taste, color, etc. _____

PUNCHED and VERIFIED
WATER RESOURCES DIVISION

Well No.

F22

F22
Well No.

1974
PH=8.5
T=7.1
AIC=277
TDS 367
Calc 44 units

HYDROGEOLOGIC CARD
SAME AS ON MASTER CARD

Physiographic PROVINCES: 03 Section: 03

22 D **Basin:** 15 K

21 **Subbasin:**

20 **Topo of:** (A) depression, stream channel, dunes, flat, hilltop, sink, swamp, (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

19 **well site:** (A) offshore, pediment, hillside, terrace, undulating, valley flat

18 **MAJOR AQUIFER:** 1 E **system** **series** **aquifer, formation, group** **Thickness:** 35 **ft**

17 **MINOR AQUIFER:** 2 **system** **series** **aquifer, formation, group** **Thickness:** 36 **ft**

16 **well open to:** 50 **ft** **Depth to:** 97.0 **ft**

15 **well open to:** 50 **ft** **Depth to:** 97.0 **ft**

14 **Technology:** **Origin:** **Thickness:** **ft**

13 **Length of well open to:** **ft** **Depth to:** **ft**

12 **Intervals screened:** **ft**

11 **Depth to consolidated rock:** **ft** **Source of data:**

10 **Depth to basement:** **ft** **Source of data:**

9 **Surface (material):** **Infiltration characteristics:**

8 **Coefficient (Trans):** **SPD/ft:** **Storage:**

7 **Coefficient (Perm):** **SPD/ft:** **Spec cap:** **Number of geologic cards:**

Hinds
772
1-29-69
M.G.S.

Law 02806

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

1-29-1969 date well completed
Layne Central Co. firm name
Hinds county well located

CODED

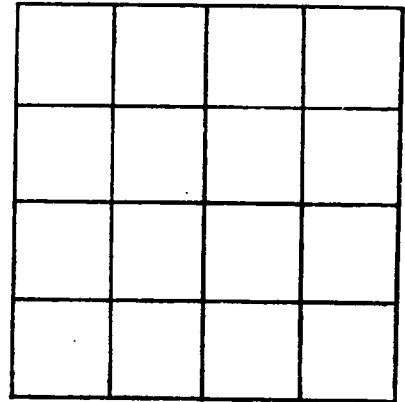
LANDOWNER:	description of formations encountered	from	to
St. Thomas Water Association, Inc. Barton, Miss. (mailing address)			
WELL LOCATION: sec 27 T-6 N R-2 W 1 1/2 miles S of Highway 80 (distance) (direction) (nearest town)	Clay and Sandy Shales	10	82
	Lime Rock, Soft Shales & Gypsum	82	117
WELL PURPOSE: Domestic (home, irrigation, municipal, industrial)	Clay and Shales of Permian	117	150
	Sandy Shales	150	188
WELL COMPLETION DATA: (1) diameter (inches) 8" (2) total depth (feet) 995' (3) static water level (feet) 175' below top of ground. (4) casing steel 428' (material), 8" (size) if telescope see back. 595' 8" (size) (5) screen 50' 942' (length), 4" (size), stainless steel (material) (6) pump (HP) (yield gpm) Electric (type power) (7) electric log yes (yes or no) Miss Geo. Survey (organization running log) (8) how well bottom plugged Slugs	Thin Sand	188	210
	Sandy Clay	210	265
	Thin Sand, Blue Shales	265	295
	Clay	295	680
	Sandy Shales	680	715
	Sandy Shales	715	727
	Shales	727	804
	Sandy Shales	804	890
	Hard Shales	890	910
	Sandy Shales	910	940
	Shale	940	965
	Shales	965	967
	Sand	967	996
DRILLERS REMARKS: Pump not installed. - No test as of this date.			

FED 1 1969

MISSISSIPPI
WATER

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 27

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,
show locations of each on sketch.

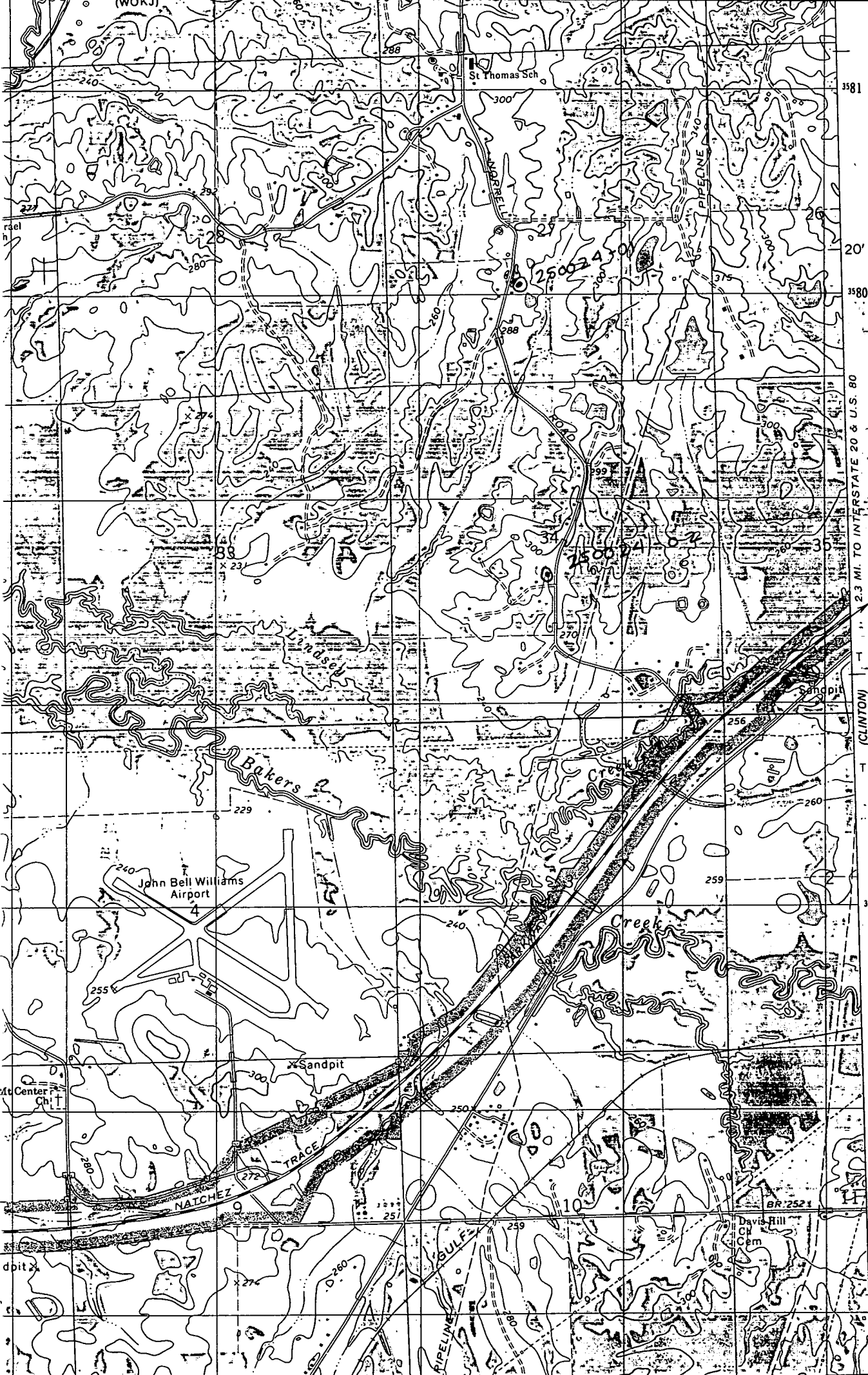
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips / Everett DATE: 6/8/94
UNIT DEQ #: 84090 FILE #: 8060817A
HEALTH DEPT. #: 250024-01 ELEV. 297
USGS #: F22^J OLWR #: GW2806
OWNER: St Thomas W.A Quad: Raymond
LOCATION: NE / SW S27 T6N R2W COUNTY: Hinds
LOCATION DESCRIPTION: North well on Nerrell Rd.

CASING DIA: _____ PUMP TYPE & SIZE: U.S. Motors, 20HP
GPS FIELD LOCATION: LAT. 32° 19.958 LONG. 90° 23.551
GPS CORRECTED LOCATION: LAT. 32 19 56.513 LONG. 90 23 32.510
32.33236472 90.39236389

REMARKS: _____



3581

20'

3580

2.3 MI. TO INTERSTATE 20 & U.S. 80

T 6 N

(CLINTON)
2948 IV SE

T 5 N

3577

3576

17' 30"

3575